



R F



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXIX NO.11 P.O. BOX 3454 TUSTIN, CA 92681 NOVEMBER 1988



PROGRAM FOR NOVEMBER MEETING

At press time the program for the November meeting had not been decided on. Ron KB6EZP, has three possible speakers in mind. Check in to the 2 Meter net on Wednesday or show up at the meeting and be surprised!

VICE-DIRECTOR BALLOTS DUE

ARRL members take note: The ballots for Southwestern Division Vice Director must be in the hands of Price Waterhouse by noon November 20, 1988.

1988 CLUB BOARD of DIRECTORS

President	Ken Konechy	W6HHC	541-6249
Vice President	Ron Toering	KB6E2P	971-5180
Secretary	Mark Stanford	KJ6JC	991-7398
Treasurer	Frank Smith	WA6VKZ	730-7142
Activities	John Roberts	WA6LAB	540-7368
Membership	Chris Breller	KA6IMP . (213)	866-2077
Public Relations	Lu Hurlbut	K1YZG	832-8386
T.V.I. Chairman	Kei Yamachika	W6NGO	538-8942
Member at Large	Jim Talcott	N6JSV	838-5395
Member at Large	Will Galusha	WB6GDZ	897-3376

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor (Acting) ..	Mark Stanford	KJ6JC	991-7398
Teen Representative	<open>		

CLUB FUNCTIONS

MONTHLY MEETING:	3rd Friday of each month, 7:30PM at: MERCURY SAVINGS & LOAN 1095 Irvine Blvd. (4th St. becomes Irvine) Tustin, CA. Talk-in on 146.55 MHz
Nov 18th	
Jan 20th	
Feb 17th	(Take the 4th St. exit of the 55 FREEWAY and head East. Continue about two blocks past Newport Blvd. It's on the left.)
CLUB BREAKFAST:	1st. Saturday of each month, 8:00 AM at: LE GRAND CAFE 2525 N. Grand Avenue Santa Ana, CA. (714) 997-5393 (1-1/2 blocks south of the 22 Freeway)
Dec 3rd	
Jan 7th	

CLUB NETS

BAND	MODE	DAY-of-WEEK	LOCAL-TIME	FREQ MHz	OPERATOR
2 Meters	FM	Wednesday	2100 hrs.	146.550	W6HHC
15 Meters	SSB	Wednesday	2000 hrs.	21.375*	WB6IXN
15 Meters	CW	Thursday	2000 hrs.	21.175*	KB6NAX
(Listen for W6ZE, net control)				*Plus or minus QRM	

ARES DISTRICT NET

2 Meters	FM	Monday	1900 hrs.	145.220(-) 1A	ARES INFO
2 Meters	FM	Monday	1915 hrs.	145.340(-) 42	ARES DISTRICT 3 (WA6VKZ)

....the PREZ SEZ...."

by KEN/W6HHC

Well, election night for the OCARC is almost here. It's time in November for OCARC members to choose who should be officers in 1989 and run the various duties of your radio club. The OCARC needs your help in two different ways:

- 1) We need a few more volunteers who are willing to serve as officers in 1989. If you haven't offered to help yet....give me a call.
- 2) We need you to help elect the best set of officers for 1989. Please come to the November meeting to vote.

November has also been a big month for Amateur Radio Emergency Services (ARES) in Orange County. On Saturday, Nov 5, two events occurred: the Simulated Emergency Test (known as SET) and the first ever meeting of Assistant Emergency Coordinators for various cities in Orange County.

The SET simulated a emergency occurring in four counties as a accidental toxic gas cloud spread from Long Beach to Orange County, Riverside County, and finally San Bernardino County. This test pointed out some interesting problems in that people (ARES HAMs) who don't know that an emergency has occurred have to be first contacted before they can help with emergency communications. In an earthquake, everyone knows that an emergency has occurred. In a toxic gas accident, everyone is just going about their normal business. "Beepers" for key people may be the real answer.

Finally, a county-wide meeting was hosted by GRANT/KB6IYK who is Assistant Emergency Coordinator for the city of Buena Park. Attendees included AEC's from many other cities in Orange County, County RACES officials and ARES Emergency Coordinators. It was a good session for comparing notes on what each city was doing to organize for ARES communications. According to Dave /WA6PMX, it was the first time ever that these key organizers had all met together. There is a lot organizing to be done, and a lot of common problems to be resolved, but this group of leaders are dedicated to providing the nucleus for emergency communications in Orange County.

de KEN/W6HHC

*** ON THE NETS ***

10/5 15m phone net- W6ZE/IXN checks in NG7D, YZG, & XO. John listens to radio Netherlands & gets Shuttle monitoring freqs. Also John promises to give OPs a list of general coverage freqs. for interesting listening (see this issue of 'RF'). NG7D also works Wales on 12m CW. DXers, listen fer Argentina beacon on 24.900 Mhz, & an Italian beacon on 24914.8. YZG was in Colorado Springs last week, & is now 'de-lousing' his dogs of 'kennel' fleas! XO reports that he & Club members WLO, JC, HHC, VKZ, & AF6C, along wid 6 members frm his emergency group, will be providing communications fer the COTO Carriage Meet this weekend. XO recently placed 3rd out of 12 in the Pleasure Driving Class at a recent meet, & placed 6th in the Gambler's Choice event. Congrats, Bob!

10/12 2m phone net- W6ZE/HHC checks in RE, BPX, IMP, & YZG. Wyatt visits Oak Glen & picks up some apples. HHC announces that HAMCON gives us a check fer \$1100! IF HAMCON doesn't hve to pay IRS assessment, then we'll get an additional \$200! RE reads ARRL bulletins & plays the Westlink Tapes which discusses SB 127, regarding the 'Sense of Congress' resolution that tells govt. agencies not to interfere wid amateur freqs. used for emergency communications. HHC has a bout wid 'Black Beauty' & a run-away carriage at the COTO Carriage Meet! IMP downloads data frm YMH in Palos Verdes, & Chris will edit 'RF' tomorrow eve. YZG has a great 1/2 day at the Air Force Academy in Colorado Springs. Regarding the 220 MHz re-allocation, Westlink also discusses FCC's lack of incentives to commercial bands to update their equipment & procedures, & to increase efficiency in commercial band use! 10/13 15m CW net- W6ZE/IXN checks in NG7D/QRP. John takes rig to HRO fer repairs. He meets ULU & friend. Both ULU & John plan to attend the Club auction. John will give IXN list of interesting general coverage stations fer 'RF' at the auction. 10/19 15m phone net- World Series!...No check-ins!

10/19 2m phone net- W6ZE/HHC checks in AF6C, RE, IMP, YZG, JC, WLO, & JSV. AF6C doesn't pass HHC's 'Smothers Bros.' test...Bob wasn't watching! RE plays Westlink Tapes & says if solar flux exceeds 200, we can look fer DX on 50 MHz! YZG can't make the Auction...his daughter is arriving frm Portland, Ore. JC discusses 'travelling computers', & WLO is moving to Anaheim..."all the better to hear you", says IXN's WX cube! IMP tells all of favorable Congressional action fer 220 MHz...maybe it's gud luck frm JSV & EZS... They just kissed the 'Blarney Stone' in Ireland! At any rate, Jim & Jeanie have joined AF6C's 'wrong way Corrigan' club after driving Irish roads! 10/26 2m phone net- W6ZE/HHC checks in IMP, RE, BPX, & WLO. Splatter frm OPs close by (N6QPA namely) caused interference on the net. RE played the Westlink tapes, & IXN concentrated on monitoring the interference! IMP had gud sigs, & BPX came in loud & clear, as did RE. WLO was clobbered by the interference. 10/27 15m CW net- W6ZE/IXN checks in NG7D & RND, & later WA6OUE, Mike. NG7D & RND cudn't read each other. But RND cud read OUE well. All OPs had 599 sigs at IXN's QTH. John, NG7D, gets a new pwr supply fer his Commodore computer & it cleans up his problems. RND worked us frm his new dipole, & OUE just got home & joined us later. Mike sold some items at the Club auction, & he sold his 220 MHz handheld at work today!

de WB6IXN

OCARC BOARD MEETING - NOVEMBER

No official board meeting was held. due to the fact that only four board members were in attendance. A brief discussion concerning the Christmas banquet and the November RF was held. Ken, W6HHC and Dick, W6VQL will check out places to hold the banquet and will inform the membership via the "RF". Respectfully submitted, Mark Stanford, KJ6JC, Secretary.

"MIAMI MONITOR" NOAA--National Weather Service Hurricane Center Miami Florida.

Used by the National Oceanic Atmospheric Administration for weather watching, known as "Hurricane Hunters", special planes full of high tech instrumentation, go out and actually fly right into the fury of hurricanes, taking wind direction, speed and force, rainfall, barometric pressures and other data need to keep one step ahead of these storms. Unfortunately weather can not be totally predictable, hurricanes especially, so any and all information gathered is helpful at best, but no guarantee as to what's going to happen once it hits anything in a storm's path. Hurricane GILBERT was a prime example. Next time you hear about a Hurricane or disturbance check the following frequencies, and you might just hear some of the action going on.

KJY 74	5562.0	khz	USB	Miami Monitor
	5923.5	khz	LSB	NWS NETS For WESTERN U.S.A.
KJY 74	6673.0	khz	USB	Hurricane Center-Miami Florida
WLO	6852.0	khz	FAX	NOAA WX PICTURES-Mobile Alabama
	6977.5	khz	LSB	NOAA NETS-WESTERN U.S.A.
	6997.5	khz	LSB	NOAA NETS-SOUTHEASTERN U.S.A.
	7508.5	khz	USB	FAA HURRICANE NET
KJY 74	8075.0	khz	C W	Caribbean Islands Emergency Net
	8876.0	khz	USB	Hurricane Center-Miami Florida
KJY 74	8984.0	khz	USB	Used for ship to aircraft communications
WLO	9157.5	khz	FAX	Miami Monitor
	9947.5	khz	USB	NOAA WX PICTURES-Mobile Alabama
KJY 74	10.015	Mhz	USB	NOAA EMERGENCY NETS
	10.105	Mhz	USB	Hurricane Center-Miami Florida
WLO	11.145	Mhz	FAX	Caribbean Islands Hurricane Emergency NET
KJY 74	11.396	Mhz	USB	NOAA WX PICTURES-Mobile Alabama
KJY 74	13.354	Mhz	USB	Miami Monitor
	14.729	Mhz	LSB	NOAA NETS
KJY 74	17.901	Mhz	USB	Miami Monitor
	21.937	Mhz	USB	Miami Monitor

NOAA Coastal Stations of North America:

K C---Woods Hole, Massachusetts	USB	6509.5	Khz
KVJ---Seattle, Washington	USB	6509.5	Khz
KBR---Beaufort, North Carolina	USB	6509.5	Khz
KJS---Kings Point, New York	USB	6509.5	Khz
KAI---San Juan, Puerto Rico	USB	6509.5	Khz
KVK---Miami, Florida	USB	6509.5	Khz
KVR---Detroit, Michigan	USB	6509.5	Khz
KAF---Atlantic Highlands, New Jersey	USB	6509.5	Khz
KVH---Norfolk, Virginia	USB	6509.5	Khz
KHW---Pascagoula, Mississippi	USB	6509.5	Khz
KWL43---King Salmon, Alaska	USB	6509.5	Khz
KWL39---Little Port Walter, Alaska	USB	6509.5	Khz

United States Coast Guard Station Callsigns, Frequencies, and Modes:

NMH---Alexandria, Virginia	
NMG---New Orleans, Louisiana	
NOJ---Kodiak, Alaska	
NMC---San Francisco, California	
NMO---Honolulu, Hawaii	
NMN---Portsmouth, Virginia	
NRV---Barrigada, Guam	
NMF---Boston, Massachusetts	
NMA---Miami, Florida	
NMR---San Juan, Puerto Rico	
NKX---San Diego, California	
NAM---Norfolk, Virginia	
NMJ---Juneau, Alaska	
NIK---Boston, Massachusetts	
NCF---Miami, Florida	
NOY---Houston, Texas	
NOR---San Diego, California	
NTT---Totiska, Japan	
N B---San Francisco, California	
NJP---Brooklyn, New York	
NOS---Cape Cod, Massachusetts	
NOW---Port Angeles, Washington	
NMK---Cape May, New Jersey	
NMW---Astoria, Oregon	

Historian Note:
Can anyone help fill in
the blanks?

"Miami Monitor" ..cont'd:

NOT--Traverse City, Michigan

NOQ--Mobile, Alabama

NMX--Baltimore, Maryland

NOX--AdaK, Alaska

NMQ--Long Beach, California

NOZ--Elizabeth City, North Carolina

NUW--Whidbey Island, Washington

4.015-USB-----4.040-USB-----4.134.6-USB-----4.223-FAX-----4.245---ARQ
 4.298-FAX-----4.319-CW-----4.326-RTTY-----4.333-RTTY---4.346---CW
 4.351.5-ARQ-----4.355.5-RTTY/ARQ---4.360.5-USB-----4.376-USB---4.400.8-USB
 4.428.7-USB-----4.525-CW-----4.585-USB-----4.813.5-USB---4.885---RTTY
 5.225-RTTY-----5.320-USB/CW/FEC---5.690-USB-----5.692-USB---5.696---USB
 5.765-USB-----6.218.6-USB-----6.221.6-USB-----6.383-CW-----6.496---ARQ
 6.500-ARQ/FEC----6.504.5-RTTY-----6.506.4-USB-----6.509.5-USB--6.512.6-USB
 6.518.8-USB-----6.521.9-USB-----7.507-USB-----7.528.1-FAX--7.528.6-USB
 7.530-RTTY-----7.537-CW-----7.542-CW-----7.582-RTTY---7.657---RTTY
 7.705-CW-----8.065-RTTY-----8.090-CW-----8.150-CW---8.291---USB
 8.455.4-USB-----8.457-RTTY-----8.459-FAX-----8.465-CW---8.471---CW
 8.491.3-FEC/ARQ---8.502-CW/FAX/FEC---8.511-RTTY-----8.574-CW---8.628.5---CW
 8.650-CW-----8.706.5-RTTY-----8.718-ARQ/FEC---8.718.9-USB--8.765.4-USB
 8.767.3-USB/ARQ---8.768.5-USB-----8.774.7-USB-----8.862-CW-----8.980---USB
 8.984-USB-----9.125.6-USB-----9.127-RTTY-----9.299-RTTY---9.979---RTTY
 10.136.6-USB-----10.166.6-USB-----10.333.6-USB---10.368.5-USB-10.523.6-USB
 10.525-RTTY-----10.865-FAX-----11.030-RTTY-----11.076-USB---11.195---USB
 11.198-USB-----11.434.6-USB-----11.513.6-USB---12.062-RTTY--12.148.6-USB
 12.173.6-USB-----12.232.2-RTTY-----12.429.2-USB---12.432.3-USB-12.435.4-USB
 12.718.6-CW-----12.730-CW/FAX-----12.750-RTTY/CW/FAX-12.889.5-CW-13.077-FEC
 13.113.2-USB-----13.156.6-USB-----13.380-CW-----13.655-CW---15.081---USB
 15.084-USB-----15.087-USB-----15.473.6-USB---15.548.6-USB-16.457.5---CW
 16.587.1-USB-----16.968.8-FEC-----16.976-CW-----16.983.2-CW--17.146.4---CW
 17.151.2-CW/FAX---17.248.4-USB-----17.270.1-USB---17.307.3-USB-17.490---RTTY
 18.196.1-USB-----18.666-USB-----18.721-USB-----22.127-USB---22.472---CW
 22.476-CW-----22.567-FEC-----22.571-ARQ-----22.611.5-USB-22.648.7-USB
 25.380-ARQ/RTTY

de NG7D, John

FOR SALE

Dick Hart, W6VQL, Has some gear to sell:

- 1) CushCraft R4 vertical antenna with mast and all mounting hardware.
- 2) 1 Kenwood 930 speaker.
- 3) 1 Kenwood 940 speaker with audio filters.

For information please call 633-9888.

FLASH!! ARRL LETTER EXCLUSIVE!!! CONGRESS HELPS HAMS. HEADS HOME

In its last week of business before the 1988 Presidential and Congressional elections, both the House and Senate turn out an amazing amount of paper. The name of the game must be "Trust Your Leaders" -- Bills elected by Committee Chairmen and the leaders of both parties as being at once necessary and in a form which is no longer controversial are brought up one after the other, under "Suspension of the Rules." The few amendments which make it are accepted on unanimous consent: there is no debate, and adoption is by voice vote.

Into this maelstrom came a nice little resolution commending amateurs for their work in handling emergency communications for the rest of the public, and urging government agencies to take this record into account when they take any action affecting amateurs.

The resolution had started out life as House Concurrent Resolution 317 (HConRes 317) on June 14. Similar text was introduced as Senate Concurrent Resolution 127 (SConRes 127) on June 28. Though cosponsors were coming aboard at a fair rate, it was beginning to look as October arrived as though there would not be enough support to force adoption of either resolution.

Then along came the opportunity to have essentially the text of SConRes 127 added as an amendment to the FCC Authorization Bill, S.1048, which was about to be considered by the Senate. Would the sponsor, Senator Pete Wilson (R-CA) consent to a change in the wording, offered by the Committee on Energy and Commerce? He checked with the ARRL, found agreement, and the last sentence was made less specific.

Thereupon, on October 7, Senator Hatfield offered Mr. Wilson's amendment--now called Section 10--from the floor: Senator Danforth brought up the compromise version of the FCC authorization Bill, the text of which had been "agreed to on both sides of the aisle and in both Houses," and the majority leader, Senator Byrd asked for, and got, unanimous consent for final acceptance of the whole package.

The authorization bill, carrying the amateur radio text as the "Sense of the Congress," then went on to the House, where it was scheduled with 34 other bills for action on Wednesday afternoon, October 19. The bill passed under the same type of procedure as in the Senate, and now awaits the signature of the President and its entry into the books as a Public Law!

In the next issue of the The ARRL Letter, we plan to run a summary of the whole struggle to preserve 220-222 MHz, from the Notice of Proposed Rulemaking in General Docket 87-14, through to the end of the 100th Congress this week.

A word of caution, and a historical note: the Sense of the Congress support for Radio Amateurs does not force anybody to do anything; it does not automatically wipe out the FCC Report and Order in Docket 87-14 adopted on August 4, 1988. But it may well be a building block toward a final solution amateurs can live with.

And the historical note: No one we've talked to can recall that a text which started out as a Concurrent Resolution ever became a Public Law -- until now!

Here is the text of Section 10:

Continued next page.....

SENSE OF CONGRESS

Section 10. (a) The Congress finds that--

(1) more than four hundred and thirty-five thousand four hundred radio amateurs in the United States are licensed by the Federal Communications Commission upon examination in radio regulations, technical principles, and the international Morse code;

(2) by international treaty and the Federal Communications Commission regulation, the amateur is authorized to operate his or her station in a radio service in intercommunications and technical investigations solely with a personal aim and without pecuniary interest;

(3) among the basic purposes for the Amateur Radio Service is the provision of voluntary, noncommercial radio service, particularly emergency communications; and

(4) volunteer amateur radio emergency communications services have consistently and reliably been provided before, during, and after floods, tornadoes, forest fires, earthquakes, blizzards, train wrecks, chemical spills, and other disasters.

(b) It is the sense of the Congress that--

(1) it strongly encourages and supports the Amateur Radio Service and its emergency communications efforts; and

(2) Government agencies shall take into account the valuable contributions made by amateur radio operators when considering actions affecting the Amateur Radio Service.

ORANGE COUNTY AMATEUR RADIO CLUB
P.O. BOX 3454
TUSTIN, CA 92681



FIRST CLASS